

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Boyd et al.
SERIAL NO.: Not Yet Assigned GROUP NO.: Not Yet Assigned
FILING DATE: Herewith EXAMINER: Not Yet Assigned
TITLE: Methods and Composition for Diagnosing and Treating
Pseudoxanthoma Elasticum and Related Conditions

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. Pursuant to 37 C.F.R. §1.98(d), the cited references are not enclosed. The references were previously cited and made of record in parent application serial no. 09/792,616.

REMARKS

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

- ☒ (1) within three (3) months of the **filing date** of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the **first Office action** on the merits, or before the mailing of a **first Office action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or
- ☐ (2) after the period defined in (1) but before the mailing date of a **final action** or a **notice of allowance** under 37 C.F.R. 1.311, and
- ☐ the requisite Statement is below, **OR**
- ☐ the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein, or

- ☐ (3) after the mailing date of a **final action** or **notice of allowance** but before the payment of the **issue fee**, **AND**
- ☐ the requisite Statement is below, **AND**
- ☐ the requisite petition fee under 37 C.F.R. 1.17(p), namely **\$180.00** is included herein.

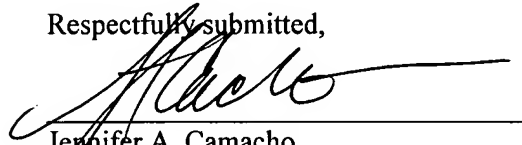
It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

STATEMENT

As required under 37 C.F.R. 1.97(e), Applicant(s), through the undersigned, hereby state either that [check the appropriate space only if either (2) or (3) is checked on the previous page and the Statement is required]:

- ☐ 1. Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application **not more than three months** prior to the filing of the Information Disclosure Statement; or
- ☐ 2. No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to **any individual** designated in 37 C.F.R. 1.56(c) **more than three months** prior to the filing of the Information Disclosure Statement.

Respectfully submitted,


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FORM PTO - 1449 INFORMATION DISCLOSURE STATEMENT				ATTORNEY DOCKET NO.: PXE-001 APPLICANT(S): Boyd et al. SERIAL NO.: 09/792,616 FILING DATE: February 23, 2001 GROUP: 1637					
U.S. PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE		
FOREIGN PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
	B1	WO 98/37764	09/03/98	PCT				NO	YES
OTHER ART, JOURNAL ARTICLES, ETC.									
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)								
	C1	Cotton, (1993), "Current methods of mutation detection," <u>Mutation Research</u> , 285:125-144.							
	C2	Le Saux <i>et al.</i> , (1999), "Pseudoxanthoma Elasticum Maps to an 820-kb Region of the p13.1 Region of Chromosome 16," <u>Genomics</u> , 62:1-10.							
	C3	Le Saux <i>et al.</i> , (2000), "Mutations in a gene encoding an ABC transporter cause pseudoxanthoma elasticum," <u>Nature Genetics</u> , 25:2:223-227, abstract only.							
	C4	Ringpfeil <i>et al.</i> , (2000), "Pseudoxanthoma elasticum: Mutations in the <i>MRP6</i> gene encoding a transmembrane ATP-binding cassette (ABC) transporter," <u>Proc. Natl. Acad. Sci.</u> , 97:11:6001-6006.							
	C5	International Search Report for International Patent Application Serial No. PCT/US01/05741, dated July 18, 2002, 3 pages.							
EXAMINER					DATE CONSIDERED				

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Notice of References Cited	Application/Control No. 09/792,616		Applicant(s)/Patent Under Reexamination BOYD ET AL.	
	Examiner Alexander H. Spiegler		Art Unit 1637	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number	Date	Name	Classification
		Country Code-Number-Kind Code	MM-YYYY		
	A	US-			
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

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FOREIGN PATENT DOCUMENTS

*		Document Number	Date	Country	Name	Classification
		Country Code-Number-Kind Code	MM-YYYY			
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	Le Saux et al. (Genomics (1999) Vol. 62, pgs. 1-10)
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.